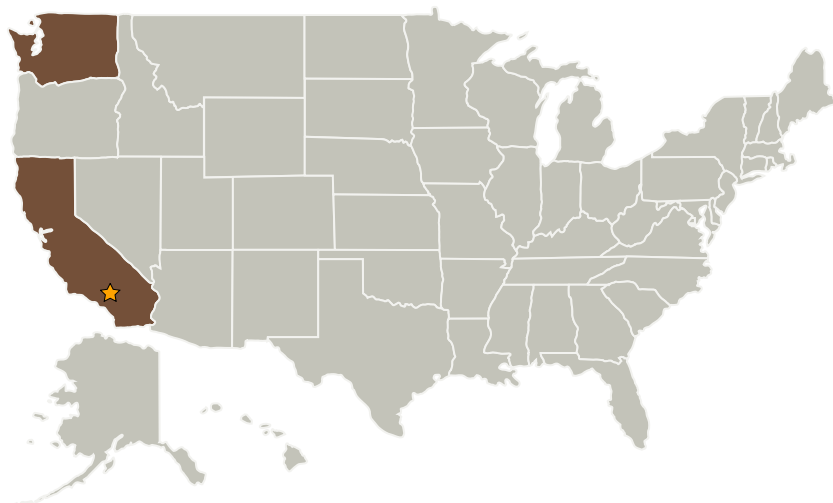


## Finite Element Multidisciplinary Simulation of a Reusable Launch Vehicle, Phase I

Completed Technology Project (2003 - 2004)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★Armstrong Flight Research Center(AFRC)	Lead Organization	NASA Center	Edwards, California
Stirling Dynamics, Inc.	Supporting Organization	Industry	Kirkland, Washington

## Primary U.S. Work Locations

California	Washington
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Finite Element Multidisciplinary Simulation of a Reusable Launch Vehicle, Phase I

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## Organizational Responsibility

**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Center / Facility:**

Armstrong Flight Research Center (AFRC)

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

# Finite Element Multidisciplinary Simulation of a Reusable Launch Vehicle, Phase I

Completed Technology Project (2003 - 2004)



## Project Management

### Program Director:

Jason L Kessler

### Program Manager:

Carlos Torrez

## Technology Areas

### Primary:

- TX02 Flight Computing and Avionics
  - └ TX02.1 Avionics
    - Component Technologies
      - └ TX02.1.1 Radiation Hardened Extreme Environment Components and Implementations